

# BEST AVAILABLE COPY

## REMARKS

This application has been reviewed in light of the Office Action mailed on October 6, 2004. Claims 1-21 are pending in the application with Claims 1, 10 and 20 being in independent form. By the present amendment, Claims 1, 11, 12, 14, 16, 19 and 20 have been amended and Claim 10 has been cancelled. No new matter is believed to be introduced by the amendments.

The Applicant gratefully acknowledges the allowance of Claims 2, 4, 7, 8, 11, 15, 17, 18 and 21 if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claim 11 has been rewritten in independent form including all of the limitations of the base claim. Accordingly, Claim 11 and its respective dependent claims, namely, Claims 12-19, are in condition for allowance and such is respectfully requested.

In the Office Action, Claims 1, 10, 12, 14 and 16, which includes independent Claims 1 and 10, were rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 4,952,795 issued to Gauthier et al. on August 28, 1990 ("Gauthier et al."); Claims 1, 3, 6, 10, 12, 13, 14, 16 and 20, which includes independent Claims 1, 10 and 20, were rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 6,127,885 issued to Colangelo on October 3, 2000 ("Colangelo"); Claim 5 was rejected under 35 U.S.C. §103(a) as being unpatentable over Gauthier et al.; and Claims 5, 9 and 19 were rejected under 35 U.S.C. §103(a) as being unpatentable over Colangelo. As noted above, Claim 10 has been cancelled. Claims 12, 13, 14, 16, 19

Claim 1 has been amended to recite that the current source is directly connected to ground. Neither Gauthier et al. nor Colangelo disclose or suggest at least an "overdrive limiter circuit having at least one switch for providing an open circuit arrangement between a current source directly connected to ground and said transimpedance amplifier circuit when an overdrive

condition occurs," as recited by Applicant's Claim 1. Accordingly, withdrawal of the rejection with respect to Claim 1 under 35 U.S.C. §102(b) over Gauthier et al. is respectfully requested.

Dependent Claims 3, 5, 6 and 9 depend from independent Claim 1, and therefore include the limitations of Claim 1. Accordingly, for at least the same reasons given for Claim 1, Claims 3, 5, 6 and 9 are believed to contain patentable subject matter. Accordingly, withdrawal of the rejections with respect to Claims 3, 5, 6 and 9 under 35 U.S.C. §§102(b) or 103(a) over Gauthier et al. or Colangelo is respectfully requested.

Claim 20 has been amended to recite that the first and second current sources are directly connected to ground. Colangelo does not disclose or suggest "first and second current sources connected to the Schottky bridge and directed connected to ground," as recited by Applicant's Claim 20. Colangelo discloses first and second current sources Q8 and Q9 as stated by the Examiner. These current sources are not directly connected to ground as shown by Figure 13. Accordingly, withdrawal of the rejection with respect to Claim 20 under 35 U.S.C. §102(b) over Colangelo is respectfully requested.

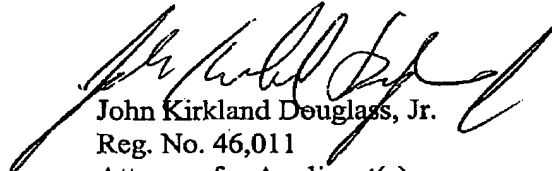
In view of the above amendments and remarks, withdrawal of the rejections under 35 U.S.C. §§102(b), 103(a) and allowance of all the claims, namely, Claims 1-9 and 11-21, are respectfully requested.

It is respectfully submitted that all claims presently pending in the application, namely, Claims 1-9 and 11-21, are believed to be in condition for allowance and patentably distinguishable over the art of record.

If the Examiner should have any questions concerning this communication or feels that an interview would be helpful, the Examiner is requested to call the undersigned attorney at 631-501-5706.

Respectfully submitted,

PLEASE DIRECT ALL WRITTEN  
CORRESPONDENCE TO:  
Siemens Corporation  
170 Wood Avenue South  
Iselin, NJ 08830



John Kirkland Douglass, Jr.  
Reg. No. 46,011  
Attorney for Applicant(s)  
phone +1-732-321-3046  
fax +1-732-321-3030

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☒ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**